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Incidence Report:

U.S. DEPT. OF AGRICULTURE LIBRARY APR 1 7 1962 CURRENT SERIAL RECORDS

SALMONELLA AND ARIZONA TYPES OF INFECTION IN ANIMALS

IN THE UNITED STATES
JULY 1-DECEMBER 31, 1959

. . . for use of diagnostic laboratories and workers engaged in animal disease control and eradication programs.

Agricultural Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE

Table 1. Distribution of Salmonella and Arizona Types in Arimals in U. S. for the period July 1, 1959 – December 31, 1959 (In the column headings "Q" = Outbreaks, and "C" = Cultures)

Total Cultures		7	1881	2 2 2	ねっ	45	78	* R	38	3 rd 3	\$0 E	52		2	29 67	100	928	2 1	-1 v^ c	4-4	577	444	7 7	113	22	52.90	7480	7 17	25 28 2	1,413	-	217	121	25	1,465
Cofton and Soy	O										*										٦								-	7				0	7
Рапуск	0		5	7						4				4	7 7	. 3	3		П	7	7	٦	2			791	1		777	56				0	26
Pat	O			-																								7		-				0	н
Cooked Garbage	O																					62								2				0	2
Py-Products	0					9				⊣							2 7				7					16	ď	4	7 7	23				0	23
Feather Meal	0	R	42			1	1									1	٦9١	2			7								1 0	26				0	36
Fish Meal	O					1	2														2					н				9				0	9
Meat Scraps and Meat and Bone Scraps	0	7	нн	7		18	95.	17	A.	7 .	1	3		17	16	2	10			2	77	1 7	202		3	12	1 19	7	740	235				0	235
Forffry Feeds	0	1	7	1		3				-1 ·-	4	*4							н		2					60				16				0	16
Dog Food	0			2						-	4				7	2						п				1				80				0	00
иттк	D										7																			1				0	-
Reptiles	O		٦																										Ţ	2		7		1	2
Chinehille	0																												4	-				0	-1
ут ук	D									,	4				6			7										7	V	9				0	9
Guinea Piga	O																													7 7					2
staf bna eotM	O.	2/2		1		2	7															-							n ,	16				0	6
Dogs	O	15-0				1		77											.5	•		1						-	4	3				0	6
ejao	O														٦													-	4	2				0	2
Horses	0		9								77				н		7					ч			1			700	ñ	127				0	124
Зреер	0				-					-	4																			2				0	2
ettie	O		9			П			1		4		н						нг	•		17						4	‡	7.4			d		7.7
əuţws	O		8	1		٦			37	20	3		٦		н			-		1	7					П		4	•	81					81
Offher Birds	0							£	1																	1		-	٧	2					2
Llang			4									3	1																	5		,	c		8
Pigeons	0																				1							-	1	12					7
99995													н		-	-							, , , , , , , , , , , , , , , , , , ,					6	100	6					6
chickens Ducke	0	,	17.	19	50	E4 1/2	2			c	12.21	95	18	4	15		m		н		32	3		113	6.0	-	-	2	† °	357 2		7 7	-	7	361 2
ф	0		127	7	17	04.40	2			0	4 04 10	41	15	4	13		~				1 2	2		18	€ H :	1	10	200	2 0	283		2 1	7	4	287
Turkeys	0	2	42	2	н 2	7	9	62		μa	· ~	1	56	1	1 26		~				18	15	2-		28 B B	7	7	700	2	342		25	27	1	389
Turk	0	2	23		T 8H		2	13	orf	٦ ٧	0	1	20	П	0 1		7				7	107	8-	7 (2.90	~	н	133	3			772	7 7 7	- 11	202
Salmonella		alachua	anstum barellly	berta	blockley bowls-morbificans	braenderup	cerro	chester chester	var. Kunzendo	denver	dublin enteritidis	gaminarum	give hartford heldelberg	Illinois	infentis	johennesburg	kentucky	lonita	melcagridis	minnesota	montevideo	newington newport ohio	oranienburg	pullorum	strpsul	schwerzengrund senftenberg siegburg	taksony tennessee thomasville	tiompson typhi-mirtim	Westhampton Worthington Group B: normotile	TOTALS	Arizona	1,2: 13,14 1,33: 23-21 7: 1,2,6	7: 1,7,8 10: 17,20	Combined Salmon-	ella and Arizona Total

Table 2. Distribution By States of Salmonella and Arizona Types
in Animels in U. S. for the period
July 1, 1959 - December 31, 1959 (Based on cultures only)

Selmonella	emodafA emozitā esemeitā	California	Delevare	Alg1090	atomititi	ansthrī svol	Kentucky	ansteluod	entaM Merylend	Massachusetts	stosenniM	iqqissiasiM	FruoselM anathoM	New Jersey	оэрхөм мөй	Morth Ceroline	0340	Pennsylvania		saxeT fatU	Virginia	notgathtask	Mest Virginia	ntanosatid	fatoT
alachua amager aratum bereilly	Jk 51	la,lb	1r 51	1b 5b,2h,11,2k 2b		lb la	lu 3a,2b,lu lv	1n	136	at.	18,4v 23a,1x,5*,1v 2x				740	1a,7b				5a				7a,1b	1001
bines blockley bovis-morbificans breenderup		1a 2a,1j		128	N	2b Ja	2 2b		Ju		74 ° 7' A		1h			988 8				5¢	la				12200
bredenay california cerro champaign		24,1b,11 34		20		q.	Jh 3u		2n 1v		5a,lw,lx,6y,18v 2a,5v 2w,lx,4v 4v	A				2p		la							142
chester cholerae-suis var, Kunzendorf	30	Ta l	q	13h	4 7	14 2a			2h	ur I	22a					7.h			3h 1	Jh				क्र पा	2 %
denwer derby dublin	2b, 31, 2k, 1s		qt	1b	4 6	. s		3	i i		28,30					2b,23h				1a 2a,15	77.4			la,lp	J-428
enteritidis gellinarum gaminara	1b			5b		70	10,77K	7 Sp	20	q4	34		8	97		1a,18b		17b 1	q		97			uq-	25.
give hartford heldelberg	, 28	, 2a	11	8b	la,	3b 4a,10	te la,lh	-	115	3a,2b	108,10					3 g	18			28	dI.				446
illinois indiana infantis java	भा		qı	99 99	*44 *	* 5 5	2b,1k,1*	*	2 v		3*,17v 26a,2b,1p,4*,14v	17 1J				128				la la				2b,1p	4~2~c
Johanneaburg kentucky lasington living stone	16,1k	J.					2v			d.	1x,3*,2v 1x,2y,5v ox,3*,1y,10v 2x					a		la		254				q.	89827
menila melegridia miami minnesota	11	1v	11,1m		Ä	pt	J.		Ju		1*,1v 2*,1v														1004
mississippi montevideo				H C F	ar.		1*,1u	7	lu, 24, 1x, 2v	x,2v	1f,3#,4y,22v					15,4h				TO THE					455
newington newport	111, m, 1k	11	11		2b	2a b la,lb,li			1v		98,1*		1.5			3			(87)	48,1t la	a 22			31	144
oranienburg orion parama	4		4	13,411			*		46	8 =	200		ic c	é		32,		4	1,4	10	f		=	4	3445
reading st-paul				Ia	69	al.	Ä				18a,3v					28					78	18		qT	182
schwarzengrund senftenberg siegburg				Ib Ib			*7				12a,4*,12v 1w,2*,1y,12v 3y									11 11 11		1			1884
simsbury taksony tennessee thomasville				8			n n				3a,1y,19v 2y		la			59									a
typhi-murium	1b 1b,164 1b	15 (at, 15) 11	1b 24 (1a,	(1a, 19b, Qr 2h, 11)	,1r)(a,1b	(15, 1r) (a, 1b, 1d, (1la, 2r, 11, 1h, 1h, 11, 1h, 1h)	14, (16, 15, 115, 115, 136k)	,111	2n 21	38,35,	1p, lv (55a,3e, lh,41, lx,2",2v)	11 1b,1g	87			479	11	1b,3f	5a,28	5a, 2b, 4e (2, 1b, 1q)	95 (hr/o	H	1b (10)	10a, 1f, 21, 1n, 2p	2p) 11
Weathampton Worthington Group B: non-motile					25	, p			-17		2*,1y,4v 9x,4*,2y,9v									100					- 8° E
Total	7 47 4	27	3 9	110	3 3	32 47	171 /	2	9 32	24	534	2 7	25	11	7	136	1	29 6		6 57	59	3	2	43	1,413
1,2: 13,14 1,33: 23-21 7: 1,2,6 7: 1,7,8		2b 14a 9a	ä		Ä	1a 2a			1.8		12a,1b	18		la				18		44,16	٩				2 1 2 2 2 7
Total	0 0 0	26	0 1	0	0 1	2	0	0	0 1	0	13	0 . 1	0	1	0	0	0	1 0		5 6	0	0	0	0	52
Combined Salmonella and Arisona TOTAL	7 47 4	53	3 10	110	3 3.	33 49	171	2	9 33	27	547	62	25	12	7	136	н	30 6		45 14	29	3	2	43	1,465
			a - Turk c - Chia d - Duod d - Duod f - Pige f - Pige h - Svir	Turkeys Chickens quall Ducke quall Please Pigeons Other Birds	TITITITI MENAMBEOD	1 - Cattle 1 - Sheep 2 - Sheep 3 - Gats 3 - Gats 3 - Gats 4 - Mice and Rats 6 - Gaines pigs 9 - Mink		Key q - Chinchilla r - Reptiles a - Milk t - Dog Food u - Livestock a Poultry Fees v - Meat Scraps and Rone Scr	ds and raps	Meat	v - Fiah Meal x - Seather Meal y - Poultry By-Products z - Cooked Garbage # - Frankage - Cotton and Soy Bean Neal	eal rbage 1 Soy													

Prepared by
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Animal Disease Eradication Division
Agricultural Research Service

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